

645
RECEIVED

AUG 28 2001

TECH CENTER 1600/2900



EXPRESS MAIL CERTIFICATE

8/23/01

EL903055317-45

I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

B.W. LEE
Name (Print)

B.W. Lee
Signature

08-24-01
#4

PLEASE CHARGE ANY DEFICIENCY UP TO \$300.00 OR
CREDIT ANY EXCESS IN THE FEES DUE WITH THIS
DOCUMENT TO OUR DEPOSIT ACCOUNT NO. 04-0100

Customer No.:



07278
PATENT TRADEMARK OFFICE

Docket No.: 3153/1G765US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Stephen QUAKE and Robert Michael VAN DAM

Serial No.: 09/800,435

Art Unit: 1645

Confirmation No.: 2542

Filed: March 5, 2001

Examiner: Not yet assigned

For: COMBINATORIAL ARRAY FOR NUCLEIC ACID ANALYSIS

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

In order to comply with the duty of disclosure set forth in 37 CFR 1.56, Applicants submit herewith an Information Disclosure Statement in accordance with 37 CFR 1.97 and 1.98. In particular, applicants submit herewith Form PTO-1449 listing references for consideration by the Examiner. Copies of the cited references are also submitted herewith.

In accordance with 37 CFR 1.97(b)(3), it is believed that this Information Disclosure Statement is submitted before the mailing of any office actions on the merits for this application. Therefore it is believed that no fee is required for this submission. However, should the US Patent and Trademark Office determine that a fee is required, the Commissioner is hereby authorized and requested to charge the required fee(s) to Deposit Account No. 04-0100.

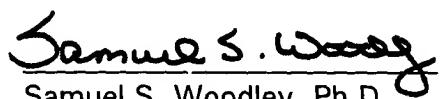
In accordance with MPEP Sections 609 and 707.05(b), it is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing Form PTO-1449 next to the document. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

The present Information Disclosure Statement is being therein submitted in compliance with 37 CFR 1.56, but the citation of any document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner, in the normal course of

examination, will make an independent search, will determine the best prior art consistent with 37 CFR 1.104(a) and 1.106(b) and, in the course of each search, will review for relevance every document cited on the attached form even if not initialed. Early and favorable consideration is earnestly requested.

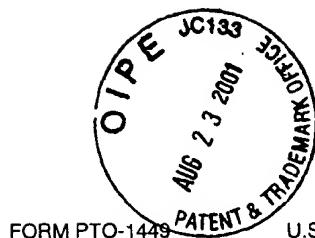
Respectfully submitted,

Dated: August 22, 2001



Samuel S. Woodley, Ph.D.
Registration No. 43,287
Agent for Applicant(s)

DARBY & DARBY
805 Third Avenue
New York, NY 10022
(212) 527-7700



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

SHEET 1
(REV. 7-80)AUG 28 2001
31

TECH CENTER 1600/2900

RECEIVED

AUG 28 2001

LIST OF REFERENCES CITED BY APPLICANT

(Use Several Sheets if Necessary)

DOCKET NO.: 3153/1G765 US1 SERIAL NO: 09/800,435
APPLICANT: Stephen QUAKE ET AL. FILING DATE: March 5, 2001
CONFIRMATION NO: 2542

U.S. PATENT DOCUMENTS

<u>*EXAMINER INITIALS</u>	<u>DOCUMENT NUMBER</u>	<u>DATE</u>	<u>NAME</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>FILING DATE</u>
	1. 5,922,591	07/13/99	Anderson et al.	435	287.2	06/27/96
	2. 5,143,854	09/01/92	Pirrung et al.	436	518	03/07/90
	3. 5,525,464	06/11/96	Drmanac et al.	435	6	02/28/94
	4. 5,807,522	09/15/98	Brown et al.	422	50	06/07/95

FOREIGN PATENT DOCUMENTS

<u>*EXAMINER INITIALS</u>	<u>DOCUMENT NUMBER</u>	<u>DATE</u>	<u>COUNTRY</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>TRANSLATION YES</u>	<u>NO</u>
	5. WO99/36760	07/22/99	PCT	G01N	1/14	Yes	

OTHER REFERENCES**(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)***EXAMINERINITIALS

6. K.J. Breslauer, *et al.* "Predicting DNA duplex stability from the base sequence." *Proc. Natl. Acad. Sci. USA*, 83:3746-3750, 1986.
7. M.L. Bulyk, *et al.* "Quantifying DNA-protein interactions by double-stranded DNA arrays." *Nature Biotechnology*, 17:573-577, 1999.
8. M. Chee, *et al.* "Accessing genetic information with high-density DNA arrays." *Science*, 274:610-614, 1996.